



474193

Critical Path Items for Portage Creek

- **Subcontract horticulturalist/arborist consultant to pre-survey/inventory vegetation to be removed at SA 6 & SA 7, then prepare vegetation restoration plan**
- **Subcontract structural engineer (we won't use EQE's engineer) to assess creek structures (bridges, outfalls, retaining walls) and provide cofferdam design (ie. Recommend sheet wall type and drive depth)**
- **Order 10" HDPE SDR-17 Pipe (2-3 week lead time)**
- **Quantify and procure geotextiles, HDPE liner (for staging area)**
- **Procure automated truck wash station for primary staging pad, truck wash containment for manned truck wash at SA 6 & SA 7.**
- **Procure WWTP components and frac tanks**
- **Prepare clearing and grubbing figures City Arborist (Todd Pryor)**

ID	Task Name	Duration	May 14, '12							May 21, '12							May 28, '12						
			S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	Excavation Preparation SA6	34 days																					
2	Set Up Springfield Belle & WT Support Equipment	4 days																					
3	Install Cofferdams 1st Isolation Area	2 days																					
4	Install Cofferdam 2nd Isolation Area	1 day																					
5	Install Cofferdam 3rd Isolation Area	1 day																					
6	Install Isolation Dewatering Pumping System	6 days																					
7	Dewater Isolation Areas	28 days																					
8	Dewater 1st Area	14 days																					
9	Dewater 2nd Area	14 days																					
10	Dewater 3rd Area	14 days																					
11	By-Pass Pumping	38 days																					
12	Install By-pass Pumping	2 days																					
13	Maintain By Pass Pumping	36 days																					
14	Excavation and Restoration SA6	20 days																					
15	Isolation Area 1	5 days																					
16	Excavation 1st Isolation Area	2 days																					
17	Restoration 1st Isolation Area	2 days																					
18	Remove Upstream Cofferdam	1 day																					
19	Isolation Area 2	8 days																					
20	Excavation 2nd Isolation Area	4 days																					
21	Restoration 2nd Isolation Area	3 days																					
22	Remove Upstream Cofferdam	1 day																					
23	Isolation Area 3	6 days																					
24	Excavation 3rd Isolation Area	3 days																					
25	Restoration 3rd Isolation Area	2 days																					
26	Remove Cofferdams and Pumping System	1 day																					

Project: Rev Vacuum dewatering scen
Date: Thu 3/29/12

Task



Milestone



External Tasks



Split



Summary



External Milestone



Progress

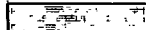







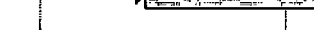


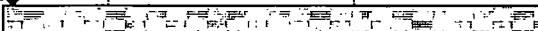


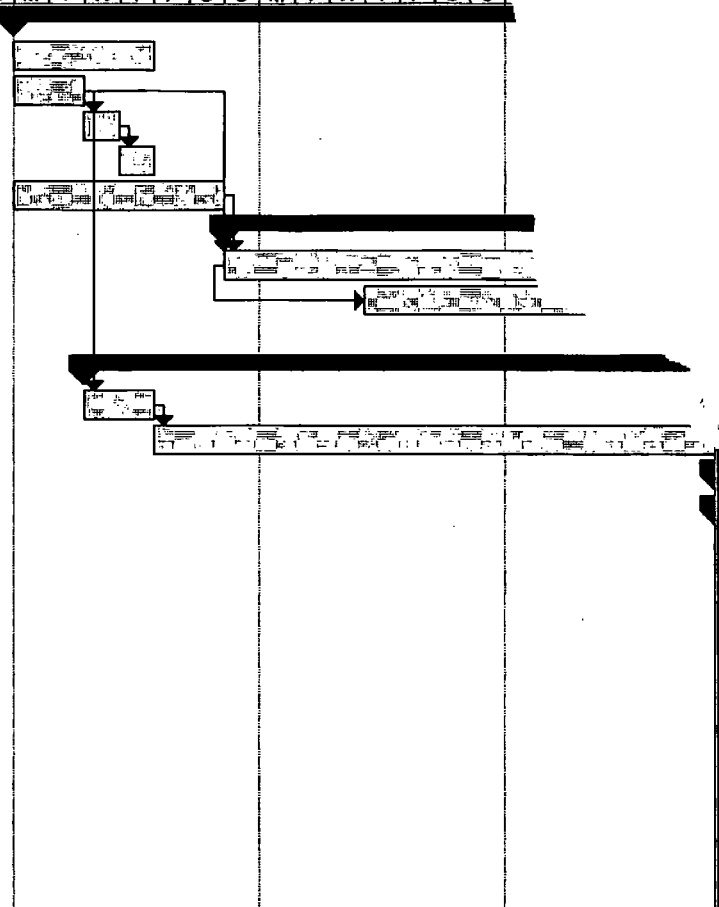
Project Summary



Deadline



ID	i	Task Name	Duration	Apr 23, '12							Apr 30, '12						
				S	M	T	W	T	F	S	S	M	T	W	T	F	S
1		Excavation Preparation SA6	34 days														
2		Set Up Springfield Belle & WT Support Equipment	4 days														
3		Install Cofferdams 1st Isolation Area	2 days														
4		Install Cofferdam 2nd Isolation Area	1 day														
5		Install Cofferdam 3rd Isolation Area	1 day														
6		Install Isolation Dewatering Pumping System	6 days														
7		Dewater Isolation Areas	28 days														
8		Dewater 1st Area	14 days														
9		Dewater 2nd Area	14 days														
10		Dewater 3rd Area	14 days														
11		By-Pass Pumping	38 days														
12		Install By-pass Pumping	2 days														
13		Maintain By Pass Pumping	36 days														
14		Excavation and Restoration SA6	20 days														
15		Isolation Area 1	5 days														
16		Excavation 1st Isolation Area	2 days														
17		Restoration 1st Isolation Area	2 days														
18		Remove Upstream Cofferdam	1 day														
19		Isolation Area 2	8 days														
20		Excavation 2nd Isolation Area	4 days														
21		Restoration 2nd Isolation Area	3 days														
22		Remove Upstream Cofferdam	1 day														
23		Isolation Area 3	6 days														
24		Excavation 3rd Isolation Area	3 days														
25		Restoration 3rd Isolation Area	2 days														
26		Remove Cofferdams and Pumping System	1 day														



Project: Rev Vacuum dewatering scen Date: Thu 3/29/12	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

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AM	Andrew Maguire
PR	Paul Ruesch
CT	Craig Thomas
INITIAL	OSC

Week	PR	Note	CT	OSC	AM	Note	NOTE	FURLOUGH
MARCH - SASA								
3/18 - 3/22								
3/25 - 3/29	X				X	primary 3/29	Easter 3/31	
APRIL - SASA								
4/01 - 4/05	4/2 - 4/4	X	X			primary		
4/08 - 4/12	X				X			
4/15 - 4/19	4/15-17,19	PDO	X					
4/22 - 4/26			X		X		PR 4/22, CT 4/26	
MAY - SASA								
4/29 - 5/03	X	4/30-5/3	4/29-4/30	primary 5/03	X		AM 4/29	
5/06 - 5/10	X	primary 5/10		primary	X		CT 5/10	
5/13 - 5/17	X		X				AM, PR 5/17	
5/20 - 5/24	X				X	backup 5/24	AM, PR, CT 5/24	
5/27 - 5/31	X	5/27-5/30	X			backup	Mem Day 5/27	AM 5/31
6/03 - 6/07	X	6/5-6/7			X		CT 6/07	
6/10 - 6/14		PDO	X				PR 6/10, AM 6/11	
6/17 - 6/21			X			primary 6/21		
6/24 - 6/28	X				X		AM, CT 6/28	
JULY - SAT & B								
7/01 - 7/05	-	-	-	backup 7/05	-	-	OFF	CT 7/1, PR, AM 7/5
7/08 - 7/12	7/8-7/11	backup 7/19	7/12/2013	backup	X	backup 7/12		
7/15 - 7/19	X					backup		
7/22 - 7/26		backup	X	primary 7/26	X		PR 7/26	
AUGUST - SAT & A								
7/29 - 8/02	X			primary	X			
8/05 - 8/09	8/07-8/09	backup	8/05-8/07					
8/12 - 8/16	backup		X					
8/19 - 8/23	8/19-8/21	backup 8/23	8/22-8/23					
8/26 - 8/30		backup	X				CT, PR, AM 8/30	may need cover
SEPTEMBER - SASA								
9/02 - 9/06	X		X				Lab day 9/02	Start 1200 9/03
9/09 - 9/13	X	primary 9/13	X					
9/16 - 9/20			X					
9/23 - 9/27	X		9/23-9/25					
OCTOBER - SAT/DEMONE								
9/30 - 10/04	X		10/3-10/4		primary			
10/07 - 10/11			X					
10/14 - 10/18	X		X				Col Day 10/14	start 1200 10/15
10/21 - 10/25			X			10/23-10/25		
10/28 - 11/1	10/28 - 10/31		X					
NOVEMBER - CP DEMONE								
11/4 - 11/8			X					
11/12 - 11/15			X				Ver Day 11/11	

DUSTIN
SEAN
Dustin? Post-Event sampling SP
Final Wires on ramp

Portage Creek Area Site
ERRS Contractor - EQM
TASK PERFORMANCE GOALS
As of 6/18/2012

TASK	GOAL	REVISED	ACTUAL	EXPLANATION
Staging Area				
Staging pad ready	4/27		4/25	
Springfield Belle up	4/27	5/21	6/7	initial tasking miscomm, backwash pump
SA7				
Dig Non-TSCA	3/30		3/28	
Dig TSCA	4/6		4/3	
Demobe	4/20		4/17	
SA6				
Bypass system up	5/11		5/12	Rain for Rent
Sheet pile in	5/17		5/17	CMC
Start excavation	5/1	5/21	5/21	RFPs, Rain for Rent, clear & grub E bank
Finish excavation	6/15	6/18	6/15	Terra
Finish backfill	6/19	6/21		Terra
Sheet pile out	6/20	6/21		
Demobe	6/29			
Axtell Creek				
Clear/grub/tree removal	6/15			tree sub
Sheet pile in	6/25			CMC (W & E end of creek)
Bypass system up	6/29			need to discuss prep, strategy
Start excavation	7/9			Week off July 2 - 6
Finish excavation	7/20			
Finish backfill	7/27			
SA5-D				
Big trees down*	6/15			tree sub
Clear/grub W bank*	7/13			tree sub
Fence off / mat E bank*	7/13			
Sheet pile in*	6/29			CMC (if feasible)
Bypass pumps up*	7/27			need to discuss prep, strategy
Groundwater De-watering*	7/27			needs to operate at least 14 days prior to dig
Start excavation	8/20			Excavation must not start until 8/20 per City
Finish excavation	9/7			
Finish backfill	9/14			
Demobe				
SA5-C				
Clear/Grub/tree removal	9/14			
Fence off / mat E bank	9/7			
Sheet pile in N Vine Street				
Bypass pumps up	7/27			already installed for SA5-D excavation
Groundwater De-watering	9/7			
Start excavation	9/17			
Finish excavation	9/24			
Finish backfill	9/28			
Demobe	10/5			




* Per conversation with Debbie Jung on 6/15, installation of the by-pass and dewatering system, clearing/grubbing, fencing, sheet pile and roadway construction (w/ swamp mats) can begin prior to 8/20. Only excavation activities are not permitted prior to 8/20.

ID	Task Name	Duration	Start	Jun 10, '13							Jun 17, '13							Jun 24						
				T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	
1	SA3A Sediment Removal and Streambed Restoration	4.29 days?	Fri 6/7/13																					
2	Backfill Grids 1-6 with Rip Rap	0.33 days	Fri 6/7/13																					
3	Place River Rock on Streambanks Grids 1-6	0.33 days	Fri 6/7/13																					
4	Place Bank Run in Grids 1-6	0.33 days	Fri 6/7/13																					
5	Excavate under Abandoned RR Bridge Grid 7	1.25 days	Mon 6/10/13																					
6	Excavate Grid 8	0.75 days	Tue 6/11/13																					
7	Backfill Grids 7-8 with Rip Rap	0.33 days	Wed 6/12/13																					
8	Place River Rock on Streambanks Grids 7-8	0.33 days	Wed 6/12/13																					
9	Place Bank Run in Grids 7-8	0.33 days	Thu 6/13/13																					
10	Install Coir Matting on Creek Banks Grids 1-6	0.5 days	Mon 6/10/13																					
11	Install Logs on Creek Banks Grids 1-6	0.5 days	Tue 6/11/13																					
12	Install Coir Matting on Creek Banks Grids 7-8	0.25 days	Thu 6/13/13																					
13	Install Logs on Creek Banks Grids 7-8	0.25 days	Fri 6/14/13																					
14	Mobilize Dozer and Perform Final Grade of Grid 3	1 day?	Fri 6/7/13																					
15	Infrastrucure Removal SA3A	9.04 days?	Fri 6/7/13																					
16	Remove North/South Cofferdams	2 days	Thu 6/13/13																					
17	Mobilize Jackson & Merkey Equipment	0.5 days	Thu 6/13/13																					
18	Set Mats for North/South Walls	0.5 days	Thu 6/13/13																					
19	Remove North and South Walls	1 day	Thu 6/13/13																					
20	Demobilize Jackson & Merkey	0.5 days	Fri 6/14/13																					
21	Move Sheetpile to SA1 C&B	0.25 days	Fri 6/14/13																					
22	Remove Vacuum Dewatering System	5 days	Fri 6/14/13																					
23	Disconnect Pumps/Piping system	0.5 days	Fri 6/14/13																					
24	Remove well points	1.5 days	Fri 6/14/13																					
25	Relocate Pumps, Piping	1 day	Tue 6/18/13																					
26	Backfill well point holes	2 days	Wed 6/19/13																					
27	Remove By-Pass Pumps	4 days?	Fri 6/14/13																					
28	Disconnect Discharge Piping System	1 day	Fri 6/14/13																					
29	Disconnect Fuel System Relocate Fuel Tanks	0.25 days	Fri 6/14/13																					
30	Crane Service to Remove and Relocate Pumps	1 day	Mon 6/17/13																					
31	Remove Pumping System Secondary Containment	0.4 days	Mon 6/17/13																					
32	Relocate Pumps System Timber Mat Platform	0.4 days	Tue 6/18/13																					
33	Relocate Fuel Tanks	1 day?	Mon 6/17/13																					
34	Cut up Discharge Pipe into 50 foot sections and relocate	3 days	Tue 6/18/13																					
35	Remove Sump Trench Boxes & Relocate SA1C	0.5 days	Tue 6/18/13																					
36	Backfill Sump Locations w/ Rip-Rap	0.5 days	Wed 6/19/13																					
37	Relocate Tire Wash & Polytanks	0.3 days	Fri 6/14/13																					
38	Relocate Frac Tank	0.7 days	Fri 6/14/13																					

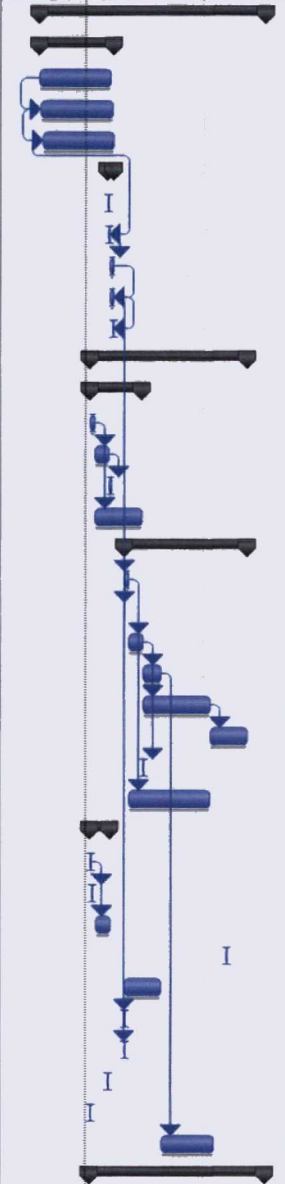
Project: SA3 to SA1C and B transition
Date: Mon 6/10/13

Task 
Split 
Progress 

Milestone 
Summary 
Project Summary 

External Tasks 
External Milestone 
Deadline 

ID	Task Name	Duration	Start	Finish	Predecessors	y 6, '13 TFSS	May 13, '13 T TFSS	May 20, T TF
1	SA5A	7.8 days	Fri 5/10/13	Thu 5/23/13				
2	Creek Channel & Streambed Restoration	2.4 days	Fri 5/10/13	Tue 5/14/13				
3	Place Rip Rap	2 days	Fri 5/10/13	Tue 5/14/13				
4	Stabilize Banks w/River Rock	2 days	Fri 5/10/13	Tue 5/14/13 3SS+0.2 days				
5	Place Bank Run to pre-existing grade	2 days	Fri 5/10/13	Tue 5/14/13 4SS+0.2 days				
6	Remove Isolation Barrier	0.8 days	Tue 5/14/13	Tue 5/14/13				
7	Mobilize Jackson & Merkey	0.2 days	Tue 5/14/13	Tue 5/14/13				
8	North/South wall access and matting	0.2 days	Tue 5/14/13	Tue 5/14/13 5SF+1.5 days				
9	Remove North Wall	0.5 days	Tue 5/14/13	Tue 5/14/13 8				
10	Remove South Wall	0.5 days	Tue 5/14/13	Tue 5/14/13 9FF				
11	Relocate Equip & Sheeting SA3A	0.2 days	Tue 5/14/13	Tue 5/14/13 10FF				
12	Remove Dredging Infrastructure	6.1 days	Mon 5/13/13	Wed 5/22/13				
13	Vacum Dewatering System	2.5 days	Mon 5/13/13	Thu 5/16/13				
14	Remove Header Pipe	0.5 days	Mon 5/13/13	Mon 5/13/13				
15	Remove Well Points	0.5 days	Mon 5/13/13	Tue 5/14/13 14				
16	Relocate VDS Hardware to SA3A	0.3 days	Tue 5/14/13	Tue 5/14/13 15				
17	Backfill WP Holes w/Bentonite & Sand	2 days	Mon 5/13/13	Thu 5/16/13 14				
18	By-Pass Dewatering System	4.5 days	Wed 5/15/13	Wed 5/22/13				
19	Disconnect intake tubes from BP 1-5	0.5 days	Wed 5/15/13	Wed 5/15/13 10				
20	Remove Pump Screen at Dutton Street bridge	0.1 days	Wed 5/15/13	Wed 5/15/13 10				
21	Disconnect Discharge Manifold	0.5 days	Wed 5/15/13	Thu 5/16/13 19				
22	Return Pumps 1-5	1 day	Thu 5/16/13	Fri 5/17/13 21				
23	Disassemble Discharge Piping	1.5 days	Thu 5/16/13	Mon 5/20/13 21				
24	Discharge Piping Relocation to SA1C support Area	2 days	Mon 5/20/13	Wed 5/22/13 23				
25	Remove Gabion Baskets From Creek	0.2 days	Thu 5/16/13	Thu 5/16/13 21				
26	Remove Sump Trench Boxes/decon/swab sample/return to Protek	2 days	Wed 5/15/13	Mon 5/20/13 19				
27	Demobilize Adler Frac Tank	1.2 days	Mon 5/13/13	Tue 5/14/13				
28	Empty and Washout Tank	0.2 days	Mon 5/13/13	Mon 5/13/13				
29	Swab Sample	0.2 days	Mon 5/13/13	Mon 5/13/13 28				
30	Return to Adler	0.5 days	Mon 5/13/13	Tue 5/14/13 28FS+0.5 days				
31	Relocate Portajons & hand wash to SA3A	0.2 days	Tue 5/21/13	Tue 5/21/13				
32	Relocate laminated Road Mats to SA3A	2 days	Wed 5/15/13	Fri 5/17/13				
33	Remove Silt Curtain	0.2 days	Wed 5/15/13	Wed 5/15/13 10				
34	Remove Turbidity Meters	0.2 days	Wed 5/15/13	Wed 5/15/13 10				
35	Relocate Kamatsu 360 to SA3A	0.2 days	Tue 5/14/13	Tue 5/14/13				
36	Relocate GPS Post to SA3A	0.1 days	Mon 5/13/13	Mon 5/13/13				
37	Remove Construction Fencing	1 day	Fri 5/17/13	Mon 5/20/13 22				
38	Restoration	7 days	Mon 5/13/13	Thu 5/23/13				



Project: Portage Creek SA5A to SA3A Date: Mon 5/13/13	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

ID	Task Name	Duration	Start	Jun 10, '13							Jun 17, '13							Jun 24					
				T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T
39	Pump out tank	0.2 days	Fri 6/14/13																				
40	Baker to Move Tank	0.5 days	Fri 6/14/13																				
41	Relocate Support Tent	0.3 days	Fri 6/14/13																				
42	Relocate Office Trailer	0.3 days	Fri 6/14/13																				
43	Relocate Light Plants	0.4 days	Fri 6/14/13																				
44	Relocate Kamatsu PC 360	1 day?	Fri 6/7/13																				
45	Relocate Kamatsu Long Reach	1 day?	Fri 6/7/13																				
46	Demobilize Mini-excavator	1 day?	Fri 6/7/13																				
47	Relocate Timber Mats	1 day?	Fri 6/7/13																				
48	Relocate Mixing Box	1 day?	Fri 6/7/13																				
49	Relocate 6" Baker Pump & Misc Small Pumps/Hoses	1 day?	Fri 6/7/13																				
50	Remove Sediment Curtain	1 day?	Fri 6/7/13																				
51	SA1 C & B Site Prepration	1 day?	Fri 6/7/13																				
52	By-Pass Pump System	1 day?	Fri 6/7/13																				
53	Mobilize Pipe Weld Contractor	1 day?	Fri 6/7/13																				
54	Weld Discharge Pipe and Install Past SA1B	1 day?	Fri 6/7/13																				
55	Install Sump Trench Boxes	1 day?	Fri 6/7/13																				
56	Place Pump Platform Mats	1 day?	Fri 6/7/13																				
57	Install Secondary Containment Liner	1 day?	Fri 6/7/13																				
58	Set Pumps 1-5	1 day?	Fri 6/7/13																				
59	Connect Pumps to Discharge Piping	1 day?	Fri 6/7/13																				
60	Set and Connect Fuel Tanks	1 day?	Fri 6/7/13																				
61	Install Suction Tubes for Pumps	1 day?	Fri 6/7/13																				
62	Start Up Pump & Shakedown System	1 day?	Fri 6/7/13																				
63	Isolation of SA1 C &B	1 day?	Fri 6/7/13																				
64	Mobilize Jackson & Merkey	1 day?	Fri 6/7/13																				
65	Install South Cofferdam	1 day?	Fri 6/7/13																				
66	Relocate J&M Excavator to SA1B	1 day?	Fri 6/7/13																				
67	Install North Cofferdam	1 day?	Fri 6/7/13																				
68	Vacuum Dewatering System	1 day?	Fri 6/7/13																				
69	Install SA1C Well Points & Connect to header system/pumps	1 day?	Fri 6/7/13																				
70	Install SA1B Well Points & Connect To header System	1 day?	Fri 6/7/13																				
71	Pumping System Startup and Shakedown	1 day?	Fri 6/7/13																				
72	Begin Isolation Area Dewatering	1 day?	Fri 6/7/13																				
73	Infrastructure Prepration	1 day?	Fri 6/7/13																				
74	Spot Frac Tank	1 day?	Fri 6/7/13																				
75	Setup Tire Wash	1 day?	Fri 6/7/13																				
76	Spot Office Trailer	1 day?	Fri 6/7/13																				

Project: SA3 to SA1C and B transition
Date: Mon 6/10/13

Task



Milestone



External Tasks



Split



Summary



External Milestone



Progress



Project Summary



Deadline



ID	i	Task Name	Duration	Start	Jun 10, '13							Jun 17, '13							Jun 24			
					T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
77		Setup Light Plants	1 day?	Fri 6/7/13																		
78		Setup Support Tent	1 day?	Fri 6/7/13																		
79		Install Timber Mat Road along SA1C	1 day?	Fri 6/7/13																		
80		Set Mixing Box near SA1C-1/layout visqueen on banks	1 day?	Fri 6/7/13																		

PC Completion demob schedule

ID	⑥	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1		Springfield Belle	1 day?	Sep 26	Sep 27		
2		Frac tank	1 day?	Sep 26	Sep 27		
3		Empty Frac Tank	1 day?	Sep 26	Sep 27		
4		Decontaminate Adler Frac Tank	1 day?	Sep 26	Sep 27		
5		Swap Sample Frac Tank & Analyze	1 day?	Sep 26	Sep 27		
6		Demobilize A FT	1 day?	Sep 26	Sep 27		
7		Tigg Bag Filter Units	1 day?	Sep 26	Sep 27		
8		Decontaminate Units	1 day?	Sep 26	Sep 27		
9		Swab Sample BFU & Analyze	1 day?	Sep 26	Sep 27		
10		Demobilize BFU	1 day?	Sep 26	Sep 27		
11		AIS Generator	1 day?	Sep 26	Sep 27		
12		Disconnect from SB	1 day?	Sep 26	Sep 27		
13		Demobilize AIS G	1 day?	Sep 26	Sep 27		
14		Baby Belle	1 day?	Sep 26	Sep 27		
15		EPA to evaluate Equipment & Materials	1 day?	Sep 26	Sep 27		
16		Demobilize BB	1 day?	Sep 26	Sep 27		
17		SB Final Disposition	1 day?	Sep 26	Sep 27		
18		Empty Media from Vessels	1 day?	Sep 26	Sep 27		
19		Determine SB Final Disposition	1 day?	Sep 26	Sep 27		
20		Finalize Disposition Paperwork	1 day?	Sep 26	Sep 27		
21		Demobilize SB	1 day?	Sep 26	Sep 27		
22		TCRA Staging Pad	1 day?	Sep 26	Sep 27		
23		Final TSCA Sediment Disposal	1 day?	Sep 26	Sep 27		
24		Timber Mat Processing	1 day?	Sep 26	Sep 27		
25		Mobilize & Setup Tub Grinder	1 day?	Sep 26	Sep 27		
26		Process Timber Mats	1 day?	Sep 26	Sep 27		
27		Dispose Timber Pulp Debris	1 day?	Sep 26	Sep 27		
28		Decon Tub Grinder	1 day?	Sep 26	Sep 27		
29		TCRA Pad Removal	1 day?	Sep 26	Sep 27		
30		Remove Barrier Blocks	1 day?	Sep 26	Sep 27		
31		Dispose of Accumulated Tires	1 day?	Sep 26	Sep 27		
32		Excavate and Ship TCRA Pad	1 day?	Sep 26	Sep 27		
33		Remove TCRA Pad Barrier Construction Fence	1 day?	Sep 26	Sep 27		
34		Setup Temporary Tire Wash	1 day?	Sep 26	Sep 27		
35		Demobilize Pressure Washer Trailer	1 day?	Sep 26	Sep 27		
36		Backfill & Final Grade	1 day?	Sep 26	Sep 27		
37		Support Compound	1 day?	Sep 26	Sep 27		
38		Demobilize HE 300 gal Fuel Cell	1 day?	Sep 26	Sep 27		
39		Flammable Storage Unit	1 day?	Sep 26	Sep 27		
40		Use Remove and/or Dispose Flammable Materials	1 day?	Sep 26	Sep 27		
41		Demobilize FSU	1 day?	Sep 26	Sep 27		
42		Connex Box	1 day?	Sep 26	Sep 27		
43		Demobilize and/or Dispose Contents	1 day?	Sep 26	Sep 27		
44		Clean Interior	1 day?	Sep 26	Sep 27		
45		Demobilize	1 day?	Sep 26	Sep 27		
46		Office Trailers	1 day?	Sep 26	Sep 27		

PC Completion demob schedule

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names
47	Remove Contents from All 3 Trailers	1 day?	Sep 26	Sep 27		
48	Clean Trailers	1 day?	Sep 26	Sep 27		
49	Disconnect Electric Power	1 day?	Sep 26	Sep 27		
50	Disconnect Power Service	1 day?	Sep 26	Sep 27		
51	Demobilize Crew Trailer	1 day?	Sep 26	Sep 27		
52	demobilize EQ Trailer	1 day?	Sep 26	Sep 27		
53	Demobilize EPA Trailer	1 day?	Sep 26	Sep 27		
54	Demobilize Sanitation Facilities	1 day?	Sep 26	Sep 27		
55	Remove Perimeter Fence and Gates	1 day?	Sep 26	Sep 27		
56	Equipment	1 day?	Sep 26	Sep 27		
57	RTK-GPS System	1 day?	Sep 26	Sep 27		
58	Disconnect RTK-GPS for LR Excavator	1 day?	Sep 26	Sep 27		
59	Return RTK-GPS to Geoshack	1 day?	Sep 26	Sep 27		
60	Long Reach Excavator	1 day?	Sep 26	Sep 27		
61	Decon LR Excavator	1 day?	Sep 26	Sep 27		
62	Swap sample & analyze	1 day?	Sep 26	Sep 27		
63	Demobilize LR Excavator	1 day?	Sep 26	Sep 27		
64	Track Dump Trucks	1 day?	Sep 26	Sep 27		
65	Decon Track Dump Trucks	1 day?	Sep 26	Sep 27		
66	Swap sample & analyze	1 day?	Sep 26	Sep 27		
67	Demobilize Track Dumps	1 day?	Sep 26	Sep 27		
68	PC 360 Excavator	1 day?	Sep 26	Sep 27		
69	Decon PC360ex	1 day?	Sep 26	Sep 27		
70	Swap sample & analyze	1 day?	Sep 26	Sep 27		
71	Demobilize Track Dumps	1 day?	Sep 26	Sep 27		
72	JD Multi Terrian loader	1 day?	Sep 26	Sep 27		
73	Decon MTL	1 day?	Sep 26	Sep 27		
74	Swab Sample & Analyze	1 day?	Sep 26	Sep 27		
75	Demobilize MTL	1 day?	Sep 26	Sep 27		
76	WA 380 Rubber Tire Loader	1 day?	Sep 26	Sep 27		
77	Decon RTL	1 day?	Sep 26	Sep 27		
78	Swab Sample & Analyze	1 day?	Sep 26	Sep 27		
79	Demobilize RTL	1 day?	Sep 26	Sep 27		
80	PC 360 Excavator #2	1 day?	Sep 26	Sep 27		

Demobilization of SA1A and SA1B

Week of September 30, 2013 through October 27, 2013

- Demobilize R4R equipment, pumps, and materials
- Install Geotextile on West Bank of SA1A at 412/418 Harrison and cover with Rip Rap on slopes and cap flat areas on top of slope with river rock (?)
- Plant temporary grass seed, cover with coir matting, and install coir logs on east bank of SA1A (Rose Park) Except for where 18" discharge pipes are passing through
- Backfill remainder of stream channel with Bank Run sand and gravel mix to final grade elevation
- Build access ramp over 18" discharge pipes at SA1B to permit sheet pile removal
- Build timber mat roadway out at SA1A to facilitate sheet pile removal
- Provide Flatbed from Folton to begin moving excess timber mats to staging pad for grinding
- Provide Folton Lowboy to move Long Reach excavator to SA1A for decontamination
 - Decontaminate Long Reach excavator
 - Remove RTK GPS and send back to Geoshack
 - Demobilize Long Reach (Off Rent as of 10/10/13)
- Decon 2 track dump trucks at SA1A and demobilize back to AIS
- Load and ship TSCA sediment
- Decon and demobilize Allied Disposal Roll Off Mixing Box
- Load up Tires for recycling
- Place rock under rail road bridge?
- Load trailer with left over materials and equipment
 - HDPE liner
 - Geoweb
 - PVC Pipe
 - Non-essential hand tools
-

Week of October 7 through 10, 2013 (Long weekend October 11th through morning of October 15th)

- Security terminate at 7:30 AM on Thursday 10/10/13
- Mobilize J&M to remove sheet pile wall 1st at SA1B, then at SA1A, demobilize equipment and sheet pile (Do we want to decon sheet pile over wash pad, or rinse with trash pump as it is being extracted?)

- Pull Gabion Baskets at downstream side of SA1A once sheet wall is removed, move to SA1B for fill for pump pad and/or sump.
- Pull Gabion Baskets at Rose Park by either extending mats and pulling with PC 360 or using Hi Teck Electric's boom truck, when they go to re-set light post move to SA1B for fill for pump pad and/or sump.
- Shut down Baker Pumps, and disconnect intakes/discharge piping and fuel system by COB Wed 10/9/13
- Have Dave at Kzoo Oil pump out fuel cells for Baker pumps and return/demobilize
- Grand Dave to Pull load, and ship Baker Pumps back to Baker on 10/10/13
- Pump out Frac Tank at SA1A by Vally City and transfer water to John Street SP/FT, decon tank as well, (Swab Sample and schedule demobilization ?)

Week of October 15-18, 2013

- Decon Trench boxes and demobilize ~~Get sign back in on trail~~
- Concrete repair walkthrough w/ Debbie Jung on Wednesday 10/16/13 10:00 AM (meet at (wed) SA5A, Dutton Street Entrance)
- Pull 18" discharge pipe back from Rose park and cut into 40' sections, stack for demobilization
- Load out 40' sections to return to Baker Pumps (10/17/13) (THUR)
- Ship Misc Piping, 2ndary containments, elbows, and 6 inch pump back to Baker ~~4 load left~~
- Demobe Baker Frac Tank ~~10/17/13~~
- Pull trench box and road plates used as sump at SA1B, decon, disassemble and demobilize
- Backfill trench box excavation
- Remove mats and backfill pump pad
 - Cover w/Top soil, seed, fertilize, and mulch *
- Cover SA1B Bank with Geotextile and stone from Pump Pad back to chain link fence at ARVCO
- Pull Gabion Baskets at Rose Park
 - Move PC360 to Rose Park to Rip-rap closer to bank ~~10/17/13~~
- Have Stu Wilkenson pickup light plants and return to Cincinnati
- Treat down final water
- Scrap up rock from SA1A and load out to ship to Wallbridge Grand Elk RR Yard
- Scrap up rock from SA1B and load out to ship to Wallbridge Grand Elk RR Yard
- Remove fencing at SA1B
- Have Folton move mats with Flatbed to John Street staging pad ~~No~~
- Demob Porta Johns and Handwash from SA1B and SA1A ~~Now~~
- Begin Bridge repair at Rose park on 10/17/13 ~~started~~
- Buy transformers for Bob Lawrence

Week of October 21-25, 2013

- Set light post back in Rose park
- Shred Mats ~~Rip-rap of mats (Start hand Man) sheds 2 guys in street traffic~~
- Vac out better ~~Kalamazoo Oil Tanks out of 1B~~

Call Dan Smith connect hardware

- Empty out Springfield Belle
- Ship Mat debris
- Begin Staging pad removal/disposal
-

THUR?

Week of October 28th through Nov 1, 2013

Week of Nov 4-6

- Disconnect electric power service from office trailers
- Demobilize connex box
- Demobilize (3) office trailers
-

Return to EQ North (E Bowman)

- Survey Rod, Transit, and Tripod
- Chainsaw Winch and snatch block
- Come alongs
- Green Boat (Wally's Folly) and Oars
- Craftsman pressure washer
- Dewalt Grinders
- Stihl Chop Saw
-

Portage Creek Area Site
WINTER TO DO LIST
updated 2/11

AREA	TASK	EXPLANATION	LEAD	TARGET
FEB	POLREP 22	update costs, ww manifests, restoration pix	PR	mid-Feb
	Update historic POLREPs	update manifest info	PR	mid-Feb
	Provide 3A Tech Memo DRAFT 2 for review	Trustees & Bill Rose	CT	2/15
	Restoration Planning 5A, 3A, 1B&C	Eric get Kaiser started on drafts	EB/CT	2/12
MARCH				
	Finalize Access Agreements	3A RR, 1C E&W, 1B E&W	PR	3/1
	Establish Network Attached Drive	get source & pricing info	AM	3/18
	Prepare for VIPER, DataRAM deployment	ready 3 units, hardware & computer	AM	3/18
WHENEVER				
	QAPP Revision	Angye final revision	CT	
	Obtain SA6 & SA5/Axtell TIN files	Load onto hard drive, give to FIELDS	CT	
	Check on Kaiser eco assessment status	whole creek done or need to do more	CT	
	Tech Memos 1B&C		PR/EB	
	Load/organize hard drive	include PR, START photos, organize 1900s	PR/CT	
SITE A				
FEB	EPA-EQ planning meetings			2/12
	5A Site walk Baker			by 2/22
	5A Site walk Tree constrators			2/12
	5A Site walk sheet pile contractors			by 2/22
	5A Site walk isolation dewatering contractors			by 2/22

SCA : LBR \$32.03 TD: ~~8220~~
 SCA : HEO \$56.94 (2 categories)
 DBA : LBR \$44.49 TD: ~~3602~~
 DBA : HEO \$71.42

Activity Description	Labor Type	SCA/DBA Classification
Clearing & Grubbing	Laborer (LBR)- operate chain saw, hand tools, wood chipper Heavy equipment operator(HEO)-excavator dozer, off road trucks	All SCA
Staging/Dewatering Pad Construction	LBR- Liner install, various support HEO-Grading/cover placement	DBA
Access Road Construction	LBR- Geotextile installation HEO-Grading/roads aggregate placement	DBA
Water Treatment Plant Construction	LBR-Connect hoses, fittings apparatus HEO-Set equipment apparatus	DBA
Water treatment plant operation to support dredging	HEO- Operate and maintain system	SCA
Construction of dewatering pipeline	LBR- HDPE pipe/fittings welding HEO-Support LBR, pull pipeline	SCA
Coffer dam installation/removal (sheet pile driving)	LBR-Rigging sheet piling HEO- Handling/driving/pulling sheet piling	DBA
By-Pass pumping around excavation areas	LBR-Fuel service pump, move hose/pipeline as needed	DBA
Dredging/excavation area dewatering	LBR-Fuel service pump, move hose/pipeline as needed	DBA
Excavation/dredging of creek channel	LBR- Spot/support HEO as needed HEO-Operate machinery to excavate contaminated sediments & stabilize material	DBA (digging & stockpiling)
Transfer of excavated material to dewatering pad	HEO- Off/On road dump truck operation, Loader/dozer operator for pile maintenance	DBA
Pre/Post Surveying (may be done by others)	Instrument & rod man	Neither apply
Load out sediment from stockpile for disposal	HEO	SCA
Backfill of excavation areas	LBR- Support HEO HEO-Place soil/aggregate materials	DBA
Pre/post sampling	Environmental technician	Neither apply
Truck tire washing at decontamination stations	LBR-operate pressure washer, sump pump for both on site ship/transfer of excavated sediments, and offsite disposal shipment	SCA

SA6

SA6

SA6

SA6

SA6

SA6

SA6

SA6

Johnst

SAG

Installation of environmental controls (silt fence, sediment curtain, rock berms/dams/pads)	LBR- Install silt fence, sediment curtain HEO-Support LBR, place aggregate for berms/dams/pads	SCA
Vegetation restoration (sub)	LBR-Plant trees & shrubs HEO- hydroseeder, excavator operation for planting/handling large trees/shrubs	DBA
Solidification/Stabilization	LBR- Support HEO, receive stabilization material HEO-Operate pug mill and heavy equipment to feed pug mill and stockpile material for shipment	SCA

SAG

John St